

Application No.: 10/034,623

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**AMENDMENTS TO THE CLAIMS**

Please amend the claims as follows.

Please cancel claims 3 and 4, without prejudice.

This listing of claims will replace all prior versions, and listing, of claims in the application:

1. (currently amended) An isolated or recombinant purified antibody capable of specifically binding to a polypeptide comprising a sequence as set forth in ~~selected from the group consisting of~~ SEQ ID NO:6 NOS: 6, 10, 14, 26, 28, 30, 32, 34, 38, 42, 46, 58, 60, 62, 64, 66, 68, 72, 76, and 80.

2. (currently amended) An isolated or recombinant purified antibody capable of specifically binding to a polypeptide comprising at least 10, 15, 20, 25, 30, 35, 40, 50, 75 or 100 consecutive amino acids of a polypeptide as set forth in one of the polypeptides of SEQ ID NO:6 NOS: 6, 10, 14, 26, 28, 30, 32, 34, 38, 42, 46, 58, 60, 62, 64, 66, 68, 72, 76, and 80.

3-4. (canceled)

5. (new) A method for generating an antibody capable of specifically binding to a polypeptide as set forth in SEQ ID NO:6 comprising the step of administering to a non-human animal a polypeptide having at least 70%, 80%, 85%, 90% or 95% sequence identity to a polypeptide as set forth in SEQ ID NO:6.

6. (new) A method for generating an antibody capable of specifically binding to a polypeptide as set forth in SEQ ID NO:6 comprising the step of administering to a non-human animal a polypeptide comprising at least 10, 15, 20, 25, 30, 35, 40, 50, 75 or 100 consecutive amino acids of a polypeptide as set forth in SEQ ID NO:6.

7. (new) The isolated or recombinant of claim 1 or claim 2, wherein the antibody is a polyclonal or a monoclonal antibody.

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8. (new) The isolated or recombinant of claim 1 or claim 2, wherein the antibody is a single chain antibody.

9. (new) The isolated or recombinant of claim 1 or claim 2, wherein the antibody is a humanized antibody.

10. (new) A method for isolating or detecting a polypeptide comprising the step of contacting a sample comprising polypeptides with an antibody as set forth in claim 1 or claim 2 followed by isolating or detecting the antibody-bound polypeptide.